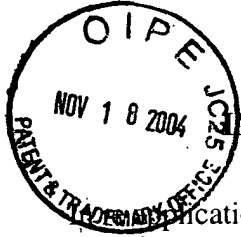


1713 / IFW  
Image



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Notification of

Docket No: Q81593

Hideki KONO, et al.

Appln. No.: 10/501,548 ✓

Group Art Unit: Not Yet Assigned

Confirmation No.: 6371

Examiner: Not Yet Assigned

Filed: July 16, 2004

For: FLUORINE-CONTAINING COPOLYMER

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, along with a copy of the corresponding Communication from a Foreign Patent Office (International Search Report for PCT/JP03/00331 dated April 30, 2003), except for the following: U.S. patents and/or U.S. patent publications if this application was filed after June 30, 2003; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/501,548

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The references cited in the International Search Report were previously submitted in the Information Disclosure Statement filed July 16, 2004. These references are resubmitted herewith to include an English language abstract, and in the case of JP 62-192411, a partial translation of claim 2. The references of record in priority application no. 10/046,703, now issued as U.S. Patent 6,703,464, are also submitted herewith.

In compliance with the requirement for submission of a concise statement of relevance for foreign language documents, Applicants state as follows.

EP 0 759 446 A1 corresponds to JP 9-052920; US 5,700,889 corresponds to JP 9-202814; US 4,587,316 corresponds to JP 59-166516; WO 00/44797 corresponds to JP 2002-535456; US 4,546,157 corresponds to JP 58-069213 and EP 1 262 496 corresponds to WO 01/36504.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



Abraham J. Rosner  
Registration No. 33,276

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: November 18, 2004

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	10/501,548
Confirmation Number	6371
Filing Date	July 16, 2004
First Named Inventor	Hideki KONO
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	Q81593

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 2001/0006727	A1	07-05-2001	LEE et al.
		US H130		09-02-1986	MCDERMOTT et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		WO	98/09784		03-12-1998	Daikin Industries, Ltd.	Abstract
		WO	00/44797		08-03-2000	Dyneon GmbH	Abstract
		WO	01/18076		03-15-2001	Daikin Industries, Ltd.	Abstract
		WO	01/19582		03-22-2001	Daikin Industries, Ltd.	Abstract
		EP	0 789 038		05-16-2001	E.I. DuPont de Nemours and Co.	Abstract
		WO	01/36504	A1	05-25-2001	Daikin Industries, Ltd.	Abstract
		JP	2002-535456		10-22-2002	Dyneon GmbH	Abstract
		EP	1 262 496	A1	12-04-2002	Daikin Industries, Ltd.	Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE</u></b> <b><u>STATEMENT BY APPLICANT</u></b>  (use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/501,548
				Confirmation Number	6371
				Filing Date	July 16, 2004
				First Named Inventor	Hideki KONO
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	Q81593

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 2,946,763		07-26-1960	BRO et al.
		US 3,085,083		04-09-1963	SCHREYERr
		US 3,969,435		07-13-1976	BAILEY et al.
		US 4,001,351		01-04-1977	ROURA
		US 4,029,868		06-14-1977	CARLSON
		US 4,105,716		08-08-1978	SAKAI et al.
		US 4,262,101		04-14-1981	HARTWIMMER et al.
		US 4,546,157		10-08-1985	NAKAGAWA et al.
		US 4,552,925		11-12-1985	NAKAGAWA et al.
		US 4,587,316		05-06-1986	NAKAGAWA et al.
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		US 4,703,095		10-27-1985	NAKAGAWA et al.
		US 4,749,752		06-07-1988	NAKAGAWA et al.
		US 5,700,889		12-23-1997	BLAIR
		US 5,703,185		12-30-1997	BLAIR
		US 5,677,404		10-14-1977	BLAIR
		US 5,688,885		11-18-1997	BLAIR

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		GB	1 210 794		10-28-1970	E.I. DuPont de Nemours and Co.	Abstract
		GB	1 231 333		05-12-1971	E.I. DuPont de Nemours and Co.	Abstract
		GB	1 316 222		05-09-1973	Daikin Ind., Ltd.	Abstract
		JP	49-10290		01-29-1974	Daikin Ind., Ltd.	Abstract
		JP	50-115293		09-09-1975	Daikin Ind., Ltd.	Abstract
		JP	52-887		01-06-1977	Daikin Ind., Ltd.	Abstract
		JP	52-73994		06-21-1977	Daikin Ind., Ltd.	Abstract
		JP	58-69213		04-25-1983	Daikin Ind., Ltd.	Abstract
		JP	59-166516		09-19-1984	Daikin Ind., Ltd.	Abstract
		JP	62-192411		08-24-1987	Du Pont	Partial translation of claim 2
		JP	2-155907		06-15-1990	Asahi Glass Co., Ltd.	Abstract
		JP	9-52920		02-25-1997	Du Pont	Abstract
		EP	0 759 446	A1	02-26-1997	E.I. DuPont de Nemours and Co.	Abstract
		JP	9-202814		08-05-1997	E.I. DuPont de Nemours and Co.	Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		International Search Report for PCT/JP03/00331 dated April 30, 2003	
Examiner Signature		Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.